

Atty. Dkt. No. 035451-0174 (3720.Palm)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Gettemy et al.  
Title: DETACHABLE EXPANDABLE  
FLEXIBLE DISPLAY  
Appl. No.: 10/085,945  
Filing Date: 2/28/2002  
Examiner: Laurel E. LeFlore  
Art Unit: 2673

CERTIFICATE OF EXPRESS MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
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Faye A. Leckie	
(Printed Name)	
(Signature)	

**DECLARATION UNDER 37 C.F.R. § 1.131**

Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

I, Shawn R. Gettemy, state and declare that:

1. I conceived the subject matter recited in Claims 1, 16, and 28 currently pending in U.S. Patent Application No. 10/085,945 titled "Detachable Expandable Flexible Display" (hereinafter referred to as "the '945 application").
2. I understand that in an Office Action dated August 16, 2004, Claims 1-25 and 28 were rejected as being unpatentable.
3. I understand that the rejection of Claims 1-25 and 28 was based in part on the use of U.S. Patent Application Publication No. 2003/0071832 to Branson, entitled "Adjustable Display Device with Display Adjustment Function and Method Therefor" (hereinafter "Branson").
4. I understand based on the information provided on the front page of Branson, that Branson has a filing date of October 11, 2001.

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5. At least by September 17, 2001, I conceived in Santa Clara, CA the ideas set forth in Claims 1, 16, and 28 of the '945 application. Such conception is evidenced by the following attached documents:
- a) A copy of an Invention Disclosure Form indicating a date of conception of September 17, 2001 on page 2, section 3.
  - c) A copy of the sketch depicting the subject matter of the '945 application, dated September 18, 2001 and known by me to have been sketched on September 18, 2001.
6. Based on the documents provided herewith and my best recollection, the conception of the ideas set forth in Claims 1, 16, and 28 of the '945 application took place at least by September 17, 2001, which is before the October 11, 2001 filing date of Branson.
7. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are true, and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent application or any patent issuing therefrom.

Date:

10/14/2004

By:

Shawn R. Gettemy

Palm, Inc. Confidential



Docket Number: 3720.Palm  
Office Use Only

## Palm, Inc. Invention Disclosure Form

5470 Great America Parkway, Santa Clara, CA. 95052.

### Instructions:

- Any questions regarding this form should be referred to Henry Ohab at (408) 326-5501, Fax: (408) 326-5009, or E-mail Henry\_Ohab@Palm.com
- Return Completed Form To: Henry Ohab

Date Stamp:

### 1. Title of the Invention

Write a short descriptive title, avoiding coined terms and project names.

Detachable expandable flexible display.

### 2. Inventors

Include the names of all persons who made a contribution to the conception of the invention.  
If there are more than five inventors list at end of this form.

Full Name:	Shawn R Gettemy	M.S.	10308
Home Address:	901 Del Avion Lane, San Jose, CA 95138		
Home Phone:	408-629-8920	Work Phone:	408-878-2406
Employee No.	21564		
Supervisor:	Frank Canova	Location:	Santa Clara
Citizenship:	USA	:	
Full Name:	Display Patent Harvesting	M.S.	
Home Address:			
Home Phone:		Work Phone:	
Employee No.			
Supervisor:		Location:	
Citizenship:		:	
Full Name:		M.S.	
Home Address:			
Home Phone:		Work Phone:	
Employee No.			
Supervisor:		Location:	
Citizenship:		:	
Full Name:		M.S.	
Home Address:			
Home Phone:		Work Phone:	
Employee No.			
Supervisor:		Location:	
Citizenship:		:	

This Invention Disclosure Form is submitted pursuant to your employment agreement with Palm, Inc. In accordance with said agreement, you have agreed to assign and hereby do assign all rights, title, and interest in the above described invention and any patent applications and patents based on this invention to Palm, Inc. and its subsidiaries.

### 3. Conception of the Invention

Date of conception: 9/17/2001 Location of conception: Santa Clara

### 4. Related Art

Is this invention an improvement of an existing COMPANY product? No ☒ Yes ☐

If "Yes," identify the existing product: \_\_\_\_\_

and identify the improvement \_\_\_\_\_

What was the problem to be solved?

**Have a small device with the ability to view a large amount of information on a larger screen.**

How had others attempted to solve it before you?

**Virtual displays (heads-up displays)**

What were the problems or disadvantages with prior solutions?

**Straining to view.**

What are the closest known prior art technology or products?

### 5. Reference Materials

List any printed publications, patents, patent applications or any other materials you are aware of which provides background material and/or prior art for your invention.

What other companies or inventors might have prior art? \_\_\_\_\_

### 6. Drawings of the Invention

Please submit clear drawings which illustrate the invention either by electronically inserting them below or by using supplemental sheets if you cannot electronically insert them.

### 7. Brief Description of the Invention

Describe the structure, function and/or method of the invention in just enough detail to enable someone technical to understand how you solved the problem. Explain how the invention solves the problem identified in Section 4 above.

**A display contained in a small hand-held form factor can be removed from the device. The display can be made out of flexible epaper and thus folded and contained in the small form factor. Once removed it can be unfolded and expanded into an easier to read "paper document." The detached display can be a bi-stable display technology like Eink or PolymerLCD. The detached display could contain a battery, memory, small processor and simple navigation to access more than one page of information. It could contain a book which could be read while separated in it's more natural "paper document" format.**

**The display technology could be selectively transparent. One layer would be a transparent shutter layer like a transmissive LCD. Another layer could be a display window, which is either opaque or transparent. In this configuration the display could be placed on an overhead projector for presentations. An area of the display could be transparent to highlight some area on a map.**

#### **8. Strategic/Tactical Value of the Invention**

Very briefly, explain how this invention will have strategic value to the company. That is, how could such a patent help Palm, Inc. and/or how could such a patent adversely affect our competitors, both in the present and in the future?

**Helps take advantage of flexible epaper display technologies. Helps an electronic device look more and act more like paper.**

**9. Joint Development or Development Contract**

Was this invention jointly developed with inventors from another company? No ☒ Yes ☐

If "Yes," please identify the company and/or non-Palm inventors: \_\_\_\_\_

**10. Release**

Expected/actual date of first public release or showing of invention or product incorporating or using the invention.	
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**11. Publication of the Invention**

Publication of a description of the invention may affect COMPANY's right to patent the invention. Submit this form even if publication has occurred.

Has a description been published or is it scheduled to be published? No ☐ Yes ☐

If "Yes," when and to whom? \_\_\_\_\_

**12. Attorney**

If there is a particular patent attorney with whom you would like to work on this disclosure, suggest his/her name. \_\_\_\_\_

This is a SUPPLEMENTAL INVENTOR SHEET which is to be used if there are more than 4 inventors for the invention set out in the Invention Docket specified above.

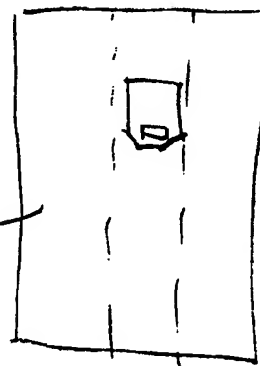
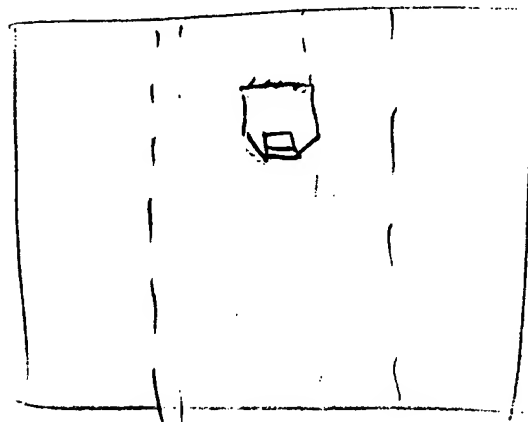
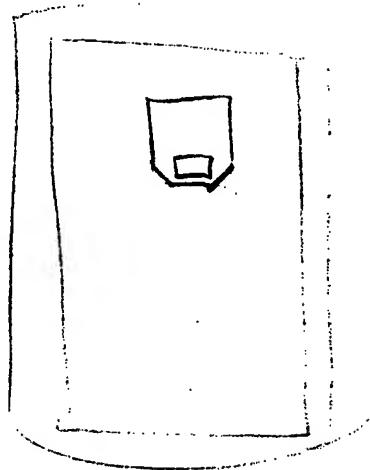
**13. Additional Inventors** Include names of all persons who made a contribution to the conception of the invention. If there are more than five inventors, use a Supplemental Sheet.

Full Name:	M.S.		
Home Address:			
Home Phone:		Work Phone:	
Employee No.			
Supervisor:		Location:	
Citizenship:		:	
Full Name:	M.S.		
Home Address:			
Home Phone:		Work Phone:	
Employee No.			
Supervisor:		Location:	
Citizenship:		:	
Full Name:	M.S.		
Home Address:			
Home Phone:		Work Phone:	
Employee No.			
Supervisor:		Location:	
Citizenship:		:	
Full Name:	M.S.		
Home Address:			
Home Phone:		Work Phone:	
Employee No.			
Supervisor:		Location:	
Citizenship:		:	
Full Name:	M.S.		
Home Address:			
Home Phone:		Work Phone:	
Employee No.			
Supervisor:		Location:	
Citizenship:		:	

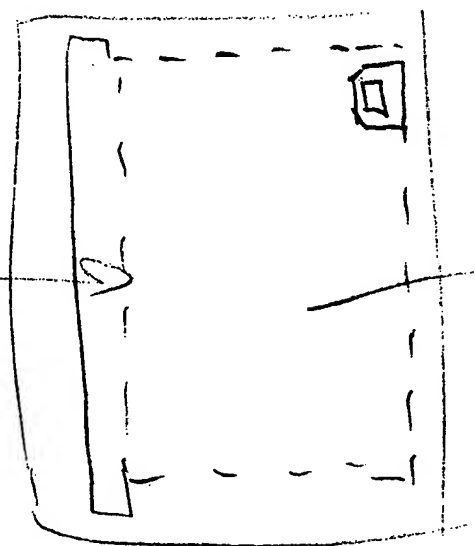
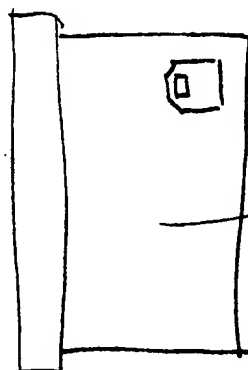
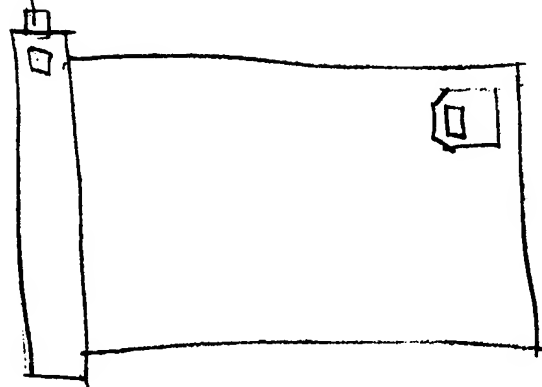


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Retract Button



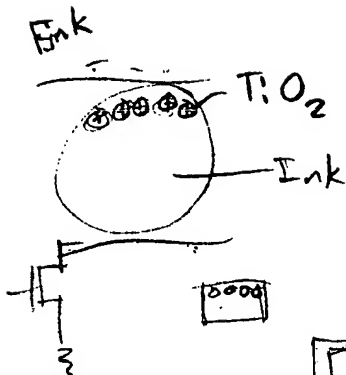
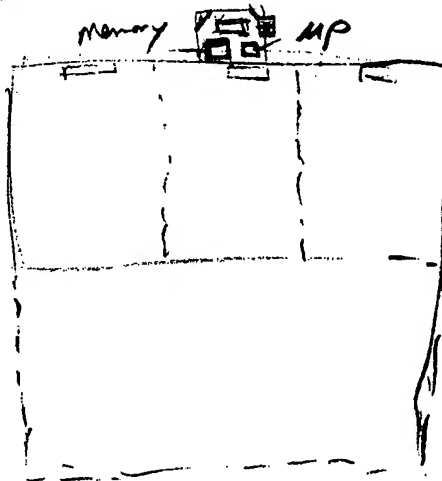
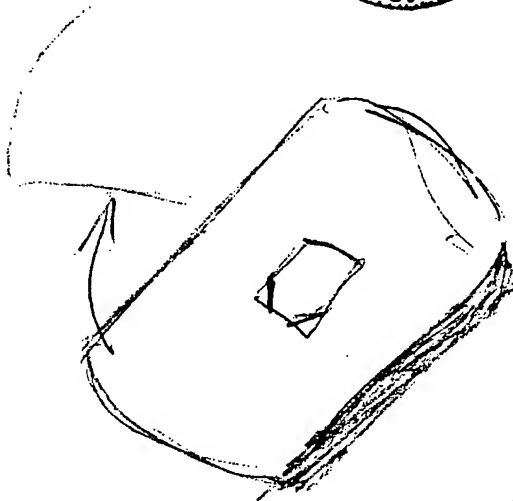
Support





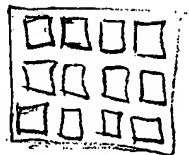
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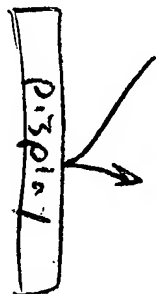
Enk - public  
Spix - NDA  
Citela - NDA

Enk.com  
similar principle  
Bistable  
Not Bistable



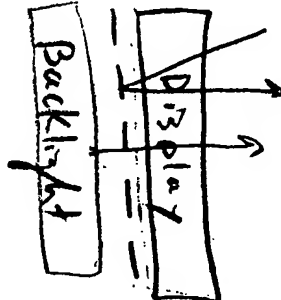
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Spix 2 = LCD.3h.

Reflective



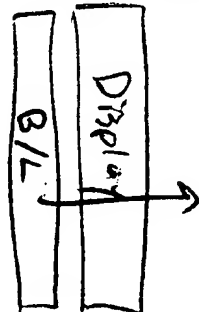
M505

Transflective



M500  
Palm V

Emissive  
Transmissive



Palm IIIc

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